

Apoptotic protease-activating factor 1 (APAF1) Recombinant Protein | APAF1 recombinant protein

Recombinant Human Apoptotic protease-activating factor 1 (APAF1) , partial

CATALOG # AAA115904	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Apoptotic protease-activating factor 1 (APAF1); Recombinant Human Apoptotic protease-activating factor 1 (APAF1); partial; APAF1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	104-415. Partial
Sequence	SGITSYVRTV LCEGGVPQRP VVFVTRKKLV NAIQQKLSKL KGEPGWVTIH GMAGCGKSVL AAEAVRDHSL LEGCFPGGVH WVSVGKQDKS GLLMKLQNLK TRLDQDEFS QRLPLNIEEA KDRLRILMLR KHPRSLIILD DVWDSWVLKA FDSQCQILLT TRDKSVTDSV MGPKYVVPVE SSLGKEKGLE ILSLFVNMKK ADLPEQAHSI IKECKGSPLV VSLIGALLRD FPNRWEYYLK QLQNKQFKRI RKSSSYDYEA LDEAMSISVE MLREDIKDYY TDLSILQKDV KVPTKVLCL WDMETEEVED IL
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for APAF1 recombinant protein	This gene encodes a cytoplasmic protein that initiates apoptosis. This protein contains several copies of the WD-40 domain, a caspase recruitment domain (CARD), and an ATPase domain (NB-ARC). Upon binding cytochrome c and dATP, this protein forms an oligomeric apoptosome. The apoptosome binds and cleaves caspase 9 preproprotein, releasing its mature, activated form. Activated caspase 9 stimulates the subsequent caspase cascade that commits the cell to apoptosis. Alternative splicing results in several transcript variants encoding different isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502123
NCBI GeneID	317
NCBI Accession #	NP_001151.1
NCBI GenBank Nucleotide #	NM_001160.2
UniProt Accession #	O14727; O43297; Q7Z438; Q9BXZ6; Q9UBZ5; Q9UGN8; Q9UGN9; Q9UGP0; Q9UJ58; Q9UJ59; Q9UJ60; B2RMX8
Molecular Weight	37.4 kDa
NCBI Official Full Name	apoptotic protease-activating factor 1 isoform b
NCBI Official Synonym Full Names	apoptotic peptidase activating factor 1
NCBI Official Symbol	APAF1
NCBI Official Synonym Symbols	CED4; APAF-1
NCBI Protein Information	apoptotic protease-activating factor 1
UniProt Protein Name	Apoptotic protease-activating factor 1
UniProt Gene Name	APAF1
UniProt Synonym Gene Names	KIAA0413; APAF-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.